

By A. Fuller  
8/11/05

| Ref # | Hits  | Search Query   | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| S1    | 1871  | quaternary with ammonium with salt\$1 same acrylamide                                | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2005/08/10 10:29 |
| S2    | 1771  | S1 and polymer\$1  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2005/08/08 12:29 |
| S3    | 51975 | "166"/\$.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2005/08/08 12:29 |
| S4    | 37    | S2 and S3  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2005/08/08 12:57 |
| S5    | 199   | dialkyldiallyl\$1ammonium and dimethyldiallyl\$1ammonium and \$4acrylamide\$1        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2005/08/08 13:00 |
| S6    | 1     | S5 and S3  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2005/08/08 13:00 |
| S7    | 1439  | (dialkyldiallyl\$1ammonium\$1 or dimethyldiallyl\$1ammonium\$1) and \$4acrylamide\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2005/08/08 13:01 |
| S8    | 13    | S7 and S3  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2005/08/08 14:22 |
| S9    | 109   | dimethyldiallyl\$1ammonium with salt same \$4acrylamide and chloride                 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2005/08/08 14:23 |
| S10   | 51975 | "166"/\$.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2005/08/08 14:23 |

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| S11 | 4      | S9 and S10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/08 14:23 |
| S12 | 5      | (polyvinyl\$1benzyl\$1trimethyl\$1ammonium\$1salt\$1 or polyvinyl adj benzyl adj trimethyl adj ammonium adj salt\$1) same acrylamide | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 10:32 |
| S13 | 60     | (polyvinyl\$1benzyl\$1trimethyl\$1ammonium or polyvinyl adj benzyl adj trimethyl adj ammonium) same \$4acrylamide                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 10:54 |
| S14 | 51994  | "166"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 10:39 |
| S15 | 0      | S13 and S14  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 10:40 |
| S16 | 115071 | "106"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 10:40 |
| S17 | 9093   | "507"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 10:40 |
| S18 | 1      | S17 and S13  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 10:40 |
| S19 | 61     | (polyvinyl\$1benzyl\$1trimethyl\$1ammonium or polyvinyl adj benzyl adj trimethyl adj ammonium) same \$4acrylamide\$1                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 10:55 |
| S20 | 1      | S19 and S17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 10:54 |

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| S21 | 132   | (polyvinyl\$1benzyl\$1trimethyl\$1am monium or polyvinyl adj benzyl adj trimethyl adj ammonium) with (chloride or salt) and \$4acrylamide\$1                               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/10 10:56 |
| S22 | 3     | S21 and S14  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/10 11:43 |
| S23 | 16    | quaternary with ammonium with salt and \$4acrylamide\$1 and brine\$1 with (calcium adj bromide\$1 or zinc adj bromide\$1 or calcium adj chloride\$1 or sodium adj bromide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/10 14:29 |
| S24 | 1891  | brine\$1 with (calcium adj bromide\$1 or zinc adj bromide\$1 or calcium adj chloride\$1 or sodium adj bromide)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/10 14:21 |
| S25 | 51994 | "166"/\$.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/10 14:20 |
| S26 | 401   | S24 and S25  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/10 14:20 |
| S27 | 41    | brine\$1 with (calcium adj bromide\$1 and zinc adj bromide\$1 and calcium adj chloride\$1 and sodium adj bromide)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/10 14:21 |
| S28 | 17    | S27 and S25  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/10 14:21 |
| S29 | 3973  | quaternary with ammonium with salt and \$4acrylamide\$1 and molecular with weight same \$2polymer\$1   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/10 14:30 |
| S30 | 832   | quaternary with ammonium with salt same \$4acrylamide\$1 and molecular with weight same \$2polymer\$1  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/10 14:31 |

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| S31 | 16     | S30 and S25   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 15:12 |
| S32 | 145166 | (block or random) with<br>\$2polymer\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 15:17 |
| S33 | 324    | S32 and S25   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 15:19 |
| S34 | 9      | S33 and \$4acrylamide\$1 and<br>(\$4diallyl adj dimethyl adj<br>ammoni\$2 or<br>\$4diallyl\$1dimethyl\$1ammoni\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 15:56 |
| S35 | 60     | (zinc or iron) with sulfide\$1 and<br>scale\$1 and \$4acrylamide\$1 and<br>(\$4diallyl adj dimethyl adj<br>ammoni\$2 or<br>\$4diallyl\$1dimethyl\$1ammoni\$2) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 16:05 |
| S36 | 1      | S35 and S25   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 16:04 |
| S37 | 9093   | "507"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 16:04 |
| S38 | 0      | S35 and S37   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 16:04 |
| S39 | 3699   | (zinc or iron) with sulfide\$1 and<br>scale\$1 and polymer\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 16:05 |
| S40 | 32     | S39 and S25   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 16:05 |